



WHAT IS CLIMATE CHANGE?

Human activities have resulted in an increased concentration of **greenhouse gases** in the atmosphere. These greenhouse gases, in turn, absorb and re-emit heat (infrared radiation) being radiated from the earth, trapping warmth and changing weather, and the more we continue to pollute, the worse things will get.

SUSTAINABLE ENERGY BRAND NEW FUTURE



TAKE SIMPLE STEPS TO MAKE YOUR ACTIONS MORE ECO-FRIENDLY

- 1 SWITCH **OFF** THE LIGHTS THAT ARE NOT NEEDED & THE SAVINGS START IMMEDIATELY
- 2 MAKE MAXIMUM USE OF **DAYLIGHT**
- 3 USE **TASK LIGHTING** INSTEAD OF BRIGHTLY LIGHTING AN ENTIRE ROOM, FOCUS THE LIGHT WHERE YOU NEED IT
- 4 REPLACE INCANDESCENT LIGHT BULBS WITH **ENERGY-EFFICIENT BULBS**
- 5 INSTALL MOTION **DETECTORS** TO SWITCH ON LIGHTS WHEN MOVEMENT IS DETECTED
- 6 USE **CURTAINS** & CLOSE THEM IN SUMMER TO REDUCE HEAT GAIN, AND OPEN THEM IN WINTER TO LET SUN RAYS IN TO HEAT THE ROOMS
- 7 CLOSE **DOORS AND WINDOWS** WHEN THE HEATING OR COOLING IS ON
- 8 PURCHASE **ENERGY EFFICIENT** HOME & OFFICE APPLIANCES
- 9 **UNPLUG** ALL ELECTRICAL EQUIPMENT WHEN NOT IN USE
- 10 INSTALL **SOLAR WATER HEATERS** AS THEY DO NOT CONSUME ENERGY
- 11 DO **FULL LOADS** WHEN YOU RUN CLOTHES WASHERS, DRYERS & DISHWASHERS
- 12 REGULARLY **MAINTAIN** YOUR APPLIANCES TO KEEP THEM RUNNING EFFICIENTLY

WHAT WILL YOU **SAVE?**



ENERGY



MONEY



THE PLANET

Small contribution by all will result in significant reduction in our energy use and **save our environment**

TAKE ACTION NOW

Cleaner ENERGY FOR A CLEANER WORLD

RENEWABLE ENERGY

GREEN FUTURE

RENEWABLE ENERGY SOURCES ARE CONSTANTLY REPLENISHED & WILL NEVER RUN OUT



SOLAR ENERGY

Solar energy is the ultimate energy source driving the earth. Solar energy is used to heat homes and water through the use of solar water heaters and is a way to produce electricity from sunlight through the application of photovoltaic cells.



WIND ENERGY

Wind Energy is extracted from the airflow using wind turbines or sails to produce mechanical or electrical power.



BIOMASS ENERGY

Biomass is the organic matter that composes the tissues of plants and animals. Biomass can be burnt for heating and cooking, and even for generating electricity.



HYDROPOWER

Hydropower converts kinetic energy from falling water into electricity, without consuming more water than is produced by nature.



GEOTHERMAL

Geothermal energy is heat from within the earth. The heat can be recovered as steam or as hot water to heat buildings or to generate electricity.



OTHER

Energy contained in waves, tides and currents are among the newest renewable energy technologies.



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